

Appl. No. 10/735,950
Response dated October 28, 2009
Reply to Office Action of 04/28/2009
EH 262965955 US

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-43 Cancelled.

Claim 44 (currently amended) A method for adapting an existing all terrain vehicle (ATV) transmission, having a stock transmission shaft and a stock transmission case (as shown in one: ~~Figure 14A at 17 "transfer cover" and Figure 14C at 2 "countershaft," Figure 15A at 17 "transfer cover" and Figure 15C at 1 "countershaft," Figure 16A at 17 "transfer cover" and Figure 16C at 1 "countershaft," Figure 17A at 16 "transfer cover" and Figure 17C at 1 "countershaft," Figure 18A at 16 "transfer cover 3402-256" and Figure 18C at 1 "countershaft 3446-277," Figure 19A at 16 "transfer cover 3402-256" and Figure 19C at 1 "countershaft 3446-277," Figure 20A at 16 "transfer cover 3402-256" and Figure 20C at 1 "countershaft 3446-277," Figure 21A at 16 "transfer cover 3402-256" and Figure 21C at 1 "countershaft 3446-277," Figure 22A at 16 "transfer cover 3402-256" and Figure 22C at 1 "countershaft 3446-277")~~ and a stock sub-transmission shift plate, the improvement comprising:

providing a hole through the a stock transmission case, wherein the hole is aligned with the a stock transmission shaft;

lengthening the stock transmission shaft to make a modified transmission shaft, wherein an end of the modified transmission shaft is coupleable thereto and can be accessed from the hole; and

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modifying the a stock sub-transmission shift plate to have a first neutral position between an existing high gear position and an existing low gear position, wherein power is transferred to the modified transmission shaft and not to the ATV's wheels when the modified sub-transmission shift plate is placed in the first neutral position, and power is transferred from the ATV's engine to the modified transmission shaft without a belt.

Claim 45 (currently amended) The method of claim 44, wherein the power takeoff point further includes a flange.

Claim 46 cancelled.

Claim 47 (currently amended) The method of claim 44, further comprising:

modifying the stock sub-transmission shift plate to provide a second neutral position between an existing low gear position and an existing super-low gear position, wherein power is delivered to the modified transmission shaft, and not to the ATV's wheels, when the modified sub-transmission shift plate is placed in the second neutral position.

Claim 48 (currently amended) The method of claim 44, wherein the existing ATV transmission is a transmission used in an ATV before model year 2005 and the ATV is selected from the group consisting of an Artic Cat 250, an Artic Cat 300 ATV, a Suzuki LT-F4WDX, and a Suzuki LT-F4WD ATV.

Claims 49-51 cancelled.